

Title (en)

POWER RECEIVING UNIT AND PROCESSING BOX

Title (de)

KRAFTAUFNAHMEEINHEIT UND -VERARBEITUNGSKASTEN

Title (fr)

UNITÉ DE RÉCEPTION DE PUISSANCE ET BOÎTIER DE TRAITEMENT

Publication

EP 3141965 A4 20171227 (EN)

Application

EP 15788964 A 20150505

Priority

- CN 201410188674 A 20140506
- CN 201410321331 A 20140707
- CN 2015078260 W 20150505

Abstract (en)

[origin: EP3141965A1] The present disclosure relates to a force receiving unit and a process cartridge. The force receiving unit is disposed at one side of a process cartridge. The force receiving unit includes an engaging portion and a force transmitting portion. The engaging portion engages with the driving unit of the electronic imaging device to receive a rotational driving force. The force transmitting portion transfers the driving force to the process cartridge. The engaging portion is restricted by a position-limiter, causing the central axis of the engaging portion to remain inclined with respect to the rotation axis of the force transmitting portion or the rotation axis of the developing unit. Thus, this may solve the problem of the structural interference when the engaging portion of the force receiving unit engages or disengages with the transmitting pin of the driving unit of the electronic imaging device.

IPC 8 full level

G03G 21/18 (2006.01); **G03G 15/00** (2006.01)

CPC (source: EP)

G03G 21/1857 (2013.01)

Citation (search report)

- [X] US 2009317134 A1 20091224 - MIYABE SHIGEO [JP], et al
- [X] US 2010209144 A1 20100819 - NIEDA HIROAKI [JP]
- [X] US 2010221036 A1 20100902 - HARA NOBUYOSHI [JP], et al
- See references of WO 2015169205A1

Designated contracting state (EPC)

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EP 3141965 A1 20170315; **EP 3141965 A4 20171227**; CN 105093871 A 20151125; CN 105093871 B 20171229; WO 2015169205 A1 20151112

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